

ABSTRACT

The present invention relates to a masking member or the like by which effects of fluorescence originated from fluorescent dye or test compound in a buffer accommodated in a container together with a measurement object are removed surely and which eliminates removal of excessive fluorescent dye or test compound included in the buffer. The masking member is a member used for measuring fluorescence of a measurement object placed in the buffer in the container through the bottom of the container, and comprises a light shielding part and an outer frame part. The light shielding part has liquid permeability and shields a background light traveling from the buffer, located on the opposite side of the bottom across the measurement object, toward the bottom of the container. The outer frame part performs positioning of the light shielding part on the opposite side of the bottom of the container across the measurement object, while supporting the light shielding part. In this configuration, effects of a background light originated from excessive fluorescent dye or the like in the buffer are removed surely, and a process for replacing the buffer becomes unnecessary. Besides, the masking member may be applicable to light emission measurements.